

Message

From: Andrew A Gremos [agremos@ramboll.com]
Sent: 7/1/2020 8:31:46 PM
To: David A. Rountree [drountree@mcmillan-mcgee.com]
CC: Brent Winder [BWINDER@mcmillan-mcgee.com]; Eric Ringdahl [eringdahl@mcmillan-mcgee.com]; Norm Bernstein [nwbernstein@nwblc.com]; pracher@psrb.com; Charles B. Goodwin [cgoodwin@ramboll.com]; Ohl, Matthew [ohl.matthew@epa.gov]
Subject: RE: Third Site DNAPL Area Phase 2 Sampling

Thanks David.

Best Regards,

Andy

From: David A. Rountree <drountree@mcmillan-mcgee.com>
Sent: Wednesday, July 1, 2020 4:31 PM
To: Andrew A Gremos <agremos@ramboll.com>
Cc: Brent Winder <BWINDER@mcmillan-mcgee.com>; Eric Ringdahl <eringdahl@mcmillan-mcgee.com>; Norm Bernstein <nwbernstein@nwblc.com>; pracher@psrb.com; Charles B. Goodwin <cgoodwin@ramboll.com>; Ohl, Matthew <ohl.matthew@epa.gov>
Subject: Re: Third Site DNAPL Area Phase 2 Sampling

Andy,

I will see if I can get IWM to make some measurements this week. Will advise as to the findings soon.

Cheers,

David A. Rountree

On Jul 1, 2020, at 2:26 PM, Andrew A Gremos <agremos@ramboll.com> wrote:

David,

The planned drill equipment for the project is a tracked mini-sonic rig that has the following specifications.

TSi 150CC Sonic Drill Rig: Measures 19.19' L x 7.11' H x 7.25' W with a 7.76 psi ground pressure, the TSi 150CC Compact Crawler fits inside a standard 20 cubic yard sea container and weighs 22,400 lbs (10,616 kg). Additional information on the rig can be found at <https://www.terrasonicinternational.com/products/tsi-150cc-compact-crawler/>.

Hopefully we can begin drilling the week of July 13 as our driller's schedule is already full in August. Let us know if you have any questions. Happy Canada Day!

Thanks,

Andy

From: David A. Rountree <drountree@mcmillan-mcgee.com>
Sent: Wednesday, July 1, 2020 1:58 AM
To: Andrew A Gremos <agremos@ramboll.com>; Brent Winder <bwinder@mcmillan-mcgee.com>; Eric Ringdahl <eringdahl@mcmillan-mcgee.com>
Cc: 'Norm Bernstein' <nwbernstein@nwbllc.com>; pracher@psrb.com; Charles B. Goodwin <cgoodwin@ramboll.com>; Ohl, Matthew <ohl.matthew@epa.gov>
Subject: Re: FW: Third Site DNAPL Area Phase 2 Sampling

Andy,

Just to confirm, we don't have anyone available for next week to mobilize to the site. As you can imagine, the COVID-19 travel restrictions make moving personnel problematic. This is unfortunate, as we are all eager to see more data.

This data collection will take a bit of planning to accomplish. As you may recall, the DNAPL area can only be entered from the southeast side of the pond, but the approach to this area is blocked by the treatment equipment and the electrical transformer. I've taken an overhead view from online and marked it up to illustrate the issues at hand:

<image001.png>

As you can see, the drill rig has to snake between the treatment equipment modules and the electrical transformer, then has to go over some heavy-duty electrical cables and up a steep slope to the well field. There's a possibility that a track-mounted mini-sonic rig could make it between the treatment equipment and the transformer without moving equipment modules. Accordingly, my recommendation for this sampling would be to get the smallest track-mounted mini-sonic that you can. In that case, we would have to prepare by removing some fencing, removing portions of the piping network, and preparing a protective ramp for the electrical cables. If the rig cannot clear this area, we would additionally need to move the control panel and/or generator, requiring a heavy-duty offroad forklift at least, or a crane at worst.

Could you find out the dimensions and type of drill rig involved and forward that information to me? Length, width, height, turning radius, wheeled or tracked.

Thanks! Hope you have some good weather & good food for the 4th!

Cheers,

David A. Rountree
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On 2020-06-29 2:06 p.m., Andrew A Gremos wrote:

Thanks David. Much appreciated. We are well and hope the same for you and yours.

Best Regards,

Andy

From: David A. Rountree <drountree@mcmillan-mcgee.com>

Sent: Monday, June 29, 2020 4:01 PM

To: Andrew A Gremos <agremos@ramboll.com>; Brent Winder <bwinder@mcmillan-mcgee.com>; Eric Ringdahl <eringdahl@mcmillan-mcgee.com>

Cc: 'Norm Bernstein' <nwbernstein@nwblc.com>; pracher@psrb.com; Charles B. Goodwin <cgoodwin@ramboll.com>

Subject: Re: FW: Third Site DNAPL Area Phase 2 Sampling

Andy,

Got the message. We don't have anyone at the site right now, and with the travel restrictions for people going into the US, it might be difficult to get someone there to organize the equipment movements, especially by the week of July 6th. We do want to expedite the remaining sampling as soon as possible. I'll talk over the schedule with Brent tomorrow and let you know for sure whether we can make the moves by July 6th, and if not, when we could get this arranged.

Hope you and yours are doing well!

Cheers,

David A. Rountree
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On 2020-06-29 1:49 p.m., Andrew A Gremos wrote:

Gentlemen,

I just wanted to confirm that you have the attached workplan and request to temporarily relocate ERH equipment at Third Site before Monday July 6 (see below). Please let me know before COB tomorrow if you foresee any issues with the request.

Best Regards,

Andy

From: Andrew A Gremos
Sent: Friday, June 26, 2020 5:38 AM
To: Brent Winder <bwinder@mcmillan-mcgee.com>
Cc: 'Norm Bernstein' <nwbernstein@nwblc.com>; pracher@psrb.com;
David Rountree <drountree@mcmillan-mcgee.com>
Subject: Third Site DNAPL Area Phase 2 Sampling

Brent,

Attached please find a copy of the USEPA approved Phase 2 sampling plan for the DNAPL Area at Third Site. The work is scheduled to begin on Monday July 6. In advance of the work, we request that MM temporarily relocate ERH equipment to permit access to the sampling areas. Locations of the planned sampling are provided in the workplan. For coordination purposes, please let us know exactly when MM would be on-site to relocate the ERH equipment.

Let me know if you have any questions.

Best Regards,

Andrew A Gremos LPG CHMM
Principal

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agremos@ramboll.com

<image002.png>